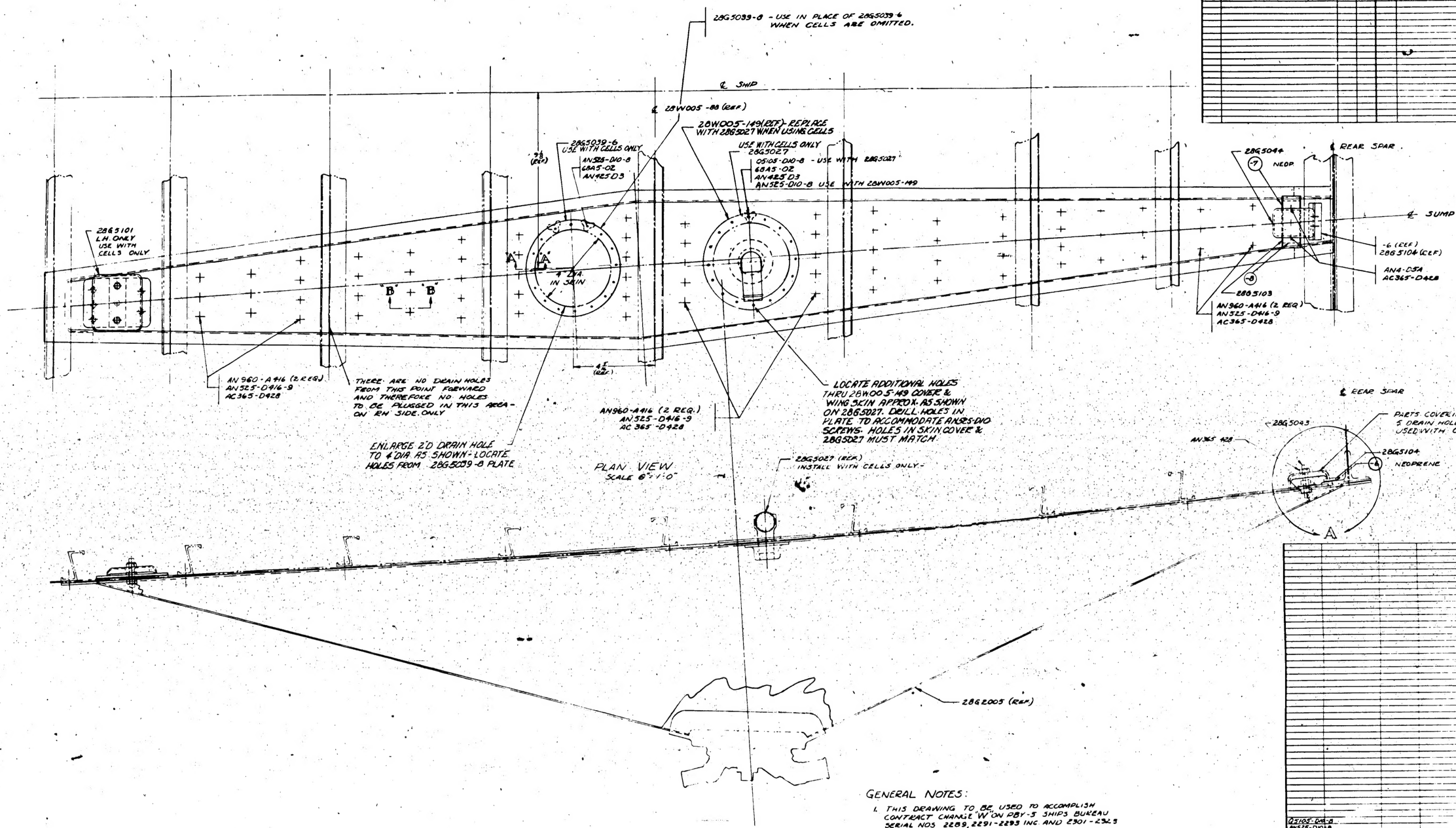

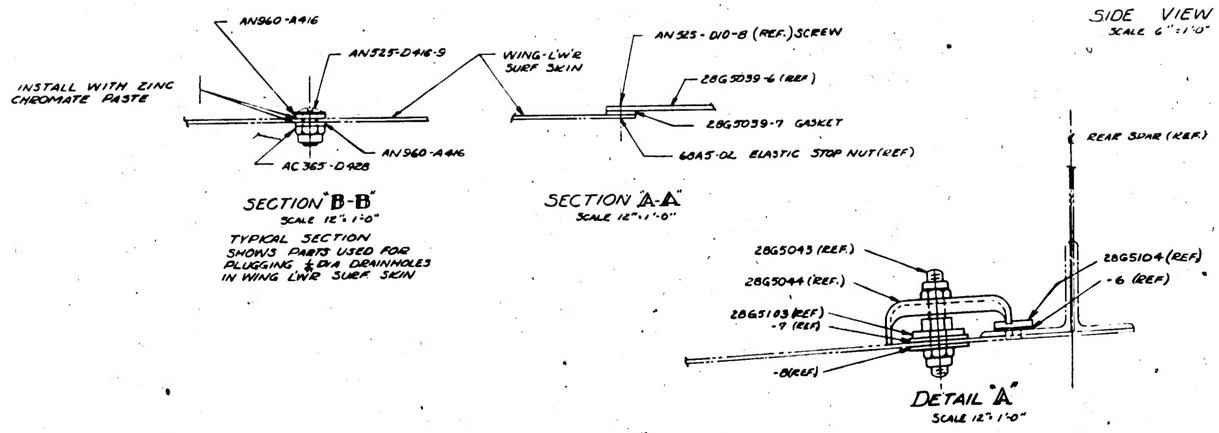

GENERAL NOTES:

1. THIS DRAWING TO BE USED TO ACCOMPLISH CONTRACT CHANGE "W" ON PBY-5 SHIPS BUREAU SERIAL NOS 2289, 2291-2293 INC AND 2301-2323 INC. (27 SHIPS) ONLY.
2. ALL WORK INDICATED ON THIS DRAWING TO BE DONE BY NAVY PERSONNEL
3. ALL PARTS CALLED IN B/M OF THIS DRAWING TO BE FURNISHED BY C.A.C.
4. THIS DRAWING SHOWS ONLY CHANGES TO BE MADE IN EXISTING SHIPS (BUILT AS PER 28G2005) TO MAKE PROVISIONS FOR SELF SEALING CELL INSTALL.
5. THE FOLLOWING PROVISIONS TO BE ACCOMPLISHED AT ANY TIME PRIOR TO FUEL CELL INSTALL:
   - A ENLARGE 2" DIA DRAIN HOLE TO 4" DIA
   - B INSTALL AN525-D416-9 SCREWS, AC365-D428 NUTS AND AN960-A416 WASHERS TO PLUG ¼" DRAIN HOLES AS SHOWN ON SECT B-B AND PLAN VIEW OF THIS D'WG.
   - C INSTALL 28G5039-8 OVER DRAIN HOLE ENLARGED TO 4" DIA AS SHOW ON THIS DRAWING.
   - D REWORK 28W005-149 COVER AND REINSTALL AS SHOWN ON THIS DRAWING
6. THE FOLLOWING PROVISIONS NOT TO BE ACCOMPLISHED UNTIL THE TIME OF INSTALL OF FUEL CELLS
   - A REMOVE 28G5039-6, 28W005-148 AND REPLACE WITH 28G5039-6 & 28G5027 RESPECTIVELY
   - B COVER ¼" DRAIN HOLES AT FRONT AND REAR OF SUMP AS SHOWN ON THIS DRAWING.
   - C. AFTER COMPLETING INST. OF THESE DETAILS, PRESSURE TEST SUMP WITH 3 LBS. SQ. IN. USING SOAPY WATER ON INSIDE OF GAS TANK TO INSURE GAS TIGHTNESS BETWEEN SUMP AND TANK.

See Note #1.

LET	ALTERATION	DATE	BY	LET	ALTERATION	DATE	BY

MODEL	PART ASSY	QTY
PBY-5	28W5043	1
PBY-5A	28W5043	1

REQUIREMENTS PER AIRPLANE

PART NO	STOCK	MATERIAL	SPEC	-0 REQ	-2 REQ	-3 REQ	-4 REQ	-8 REQ
	-8 .864 x 1/16 x 2 1/4	ALC 24ST	97A8 Cond T	1				
	-7 1/16 x 1/8 x 2 3/4	NEOPRENE	N-11	1				
	-9 .125 x 1/8 x 1 1/8	NEOPRENE	N-11	1				
AC365-D428				12	12			
AN525-D10-8				12	16			
AC365-D428				2	2			
AN525-D416-9				12	16			
AN960-A416				12	16			
AC365-D428				2	2			
AN4-D5A				2	2			
6BA5-02	ELASTIC STOP NUT			32	32			
28G5043	STD			1	1			
28G5044	COVER			1	1			
28G5039-7	GASKET			1	1			
28G5039-6	COVER			1	1			
28G5027	FITTING			1	1			
28G5039-8	COVER			1	1			
28G5104				1	1			
28G5103				1	1			
28G5101				1	1			

PARTS LIST PER ASSY

DESIGNED BY	
REPLACED BY	
SCALE	NOTED
STAMP PART NUMBER WHEN ORDERED	
A.C.	
NAVY	
HEAT TREAT	FINISH
DRAFT	
APPROVED	
STRUCT	DAT
APPROV	ENG
NAME	SUMP DETAILS - WING - SELF SEALING CELLS
CONSOLIDATED AIRCRAFT CORP	SAN DIEGO CALIF
SIZE	J
DWG NO	28G5100

H 443